



Docket No.: 3691-0128PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kyogo ITOH et al.

Application No.: 10/573,032 ✓

Confirmation No.: 4420

Filed: March 22, 2006

Art Unit: N/A

For: PEPTIDE DERIVED FROM HEPATITIS C  
VIRUS

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements dated October 30, 2006,  
Applicant respectfully submits:

- ☒ Attached is a copy of the Notification of Missing Requirements (371 Formalities Letter).
- ☒ Attached is the Executed Declaration and Power of Attorney ☒ Original ☐ Photocopy.
- ☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification that was filed in the U.S. Patent and Trademark Office on March 22, 2006, including any amendments thereto (if applicable) filed on even date therewith.
- ☒ The undersigned hereby declares that "Attorney Docket No. 3691-0128PUS1" on page 1 of the attached Inventors' Declaration corresponds to Appl. No.10/573,032 filed March 22, 2006 entitled "PEPTIDE DERIVED FROM HEPATITIS C VIRUS."

- ☐ Attached is an English language translation of the above-identified application that was filed in a foreign language, which should be used as the copy for examination purposes.

See the attached Translator's Verification; or

The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.

- ☐ Attached are @@@ sheet(s) of drawings. Please substitute these replacement drawings for the corresponding @@@ sheet(s) of drawings on file in the above-identified application.
- ☐ Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).
- ☐ Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).
- ☐ Attached is a substitute specification that complies with 37 C.F.R. § 1.52. The substitute specification does not contain new matter.
- ☒ Attached is an Amendment and Sequence Listing.
- ☒ Attached is a Letter submitting the International Preliminary Report on Patentability.
- ☐ Attached is a Supplemental Application Data Sheet (ADS).
- ☐ Submitted concurrently herewith under separate cover for recording is an Assignment.
- ☐ Attached is a Petition for Extension of Time.
- ☒ The Government Filing Surcharge for late filing of oath and/or declaration in the amount of \$130.00 in accordance with 37 C.F.R. §§ 1.494 and 1.492 was previously paid for concurrently with the filing of the application on March 22, 2006.

Application No.: 10/573,032

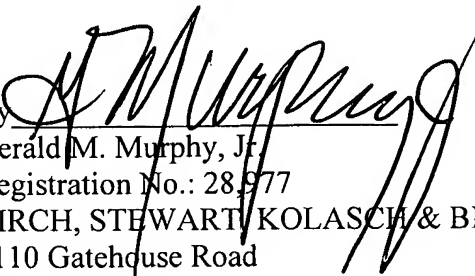
Docket No.: 3691-0128PUS1

☐ Attached hereto is the fee transmittal listing the required fees.

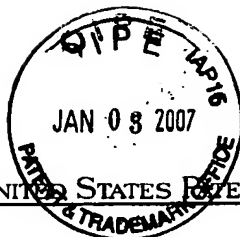
If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: January 3, 2007

Respectfully submitted,

  
By \_\_\_\_\_  
Gerald M. Murphy, Jr.  
Registration No.: 28,977  
BIRCH, STEWART KOLASCH & BIRCH, LLP  
8110 Gatehouse Road  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000  
Attorney for Applicant

Attachment(s)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/573,032	Kyogo Itoh	3691-0128PUS1

02292  
 BIRCH STEWART KOLASCH & BIRCH  
 PO BOX 747  
 FALLS CHURCH, VA 22040-0747

INTERNATIONAL APPLICATION NO.	
PCT/JP04/14312	
I.A. FILING DATE	PRIORITY DATE
09/22/2004	09/22/2003

CONFIRMATION NO. 4420

371 FORMALITIES LETTER



\*OC00000021026350\*

Date Mailed: 10/30/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/22/2006
- Copy of the International Search Report filed on 03/22/2006
- Information Disclosure Statements filed on 03/22/2006
- Biochemical Sequence Listing filed on 03/22/2006
- U.S. Basic National Fees filed on 03/22/2006
- Priority Documents filed on 03/22/2006
- Specification filed on 03/22/2006
- Claims filed on 03/22/2006
- Abstracts filed on 03/22/2006
- Drawings filed on 03/22/2006
- Paper nucleotide sequence listings filed on 03/22/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$360 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$360** for a Large Entity:

- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- Total additional claim fee(s) for this application is **\$ 360**
  - **\$360** for multiple dependent claim surcharge.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

FREDERICK SMITH

---

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/573,032	PCT/JP04/14312	3691-0128PUS1

FORM PCT/DO/EO/905 (371 Formalities Notice)



LAP13 Rec'd PCT/PTO 03 JAN 2007

Docket No.: 3691-0128PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Kyogo ITOH et al.

Application No.: 10/573,032

Confirmation No.: 4420

Filed: March 22, 2006

Art Unit: N/A

For: PEPTIDE DERIVED FROM HEPATITIS C  
VIRUS

Examiner: Not Yet Assigned

**LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Subsequent to the filing of the above-identified application on March 22, 2006, attached hereto is an English translation of the International Preliminary Report on Patentability (Form PCT/IB/338 and 373) and of the Written Opinion of the International Searching Authority (Form PCT/ISA/237) that should be made of record in the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or to credit any overpayment to Deposit Account No. 02-2448 for any

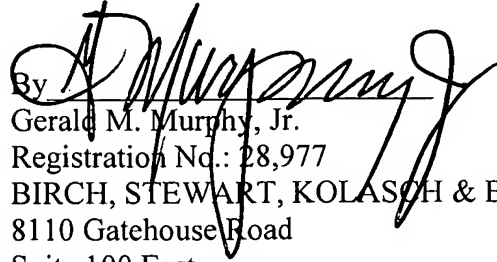
Application No.: 10/573,032

Docket No.: 3691-0128PUS1

additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated: January 3, 2007

Respectfully submitted,

By 

Gerald M. Murphy, Jr.

Registration No.: 28,977

BIRCH, STEWART, KOLASCH & BIRCH, LLP

8110 Gatehouse Road

Suite 100 East

P.O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

Attorney for Applicant

Attachment(s)